16(1)

AUTHOR: . Gol'berg P.A.

SOV/42-14-1-8/27

TITLE:

On the Theorem of Wielandt (K teoreme Vilandta)

PERIODICAL: Uspekhi matematicheskikh nauk 1959 Vol 14.Nr 1.pp 153-156(USSR)

ABSTRACT:

Let G be an arbitrary group. The a set of prime numbers. The notion of the [1] subgroup and the Sylow [7] subgroup are introduced as in [Ref 3]. G is called an S-group if it is decomposable into the direct product of its Sylow subgroups. Theorem: Let an arbitrary group G have the Sylow [] -subgroup H; let this Sylow N-subgroup H be an S-group and have finitely many conjugates in G. If M is a ρ -subgroup of G. where $\rho \in \Pi$ then there exists an element X in G so that M $\in S^{-1}HX$.

There are 6 references, 4 of which are Soviet, 1 English, and

! German.

SUBMITTED: October 16, 1957

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 1 12 1931, 193, ... 3 - 80-127-1-1 10 The Tall - - Thomas of Minite Communa Title 12918 Building committee the committee of the commi be wither that, of the site of a sold distance of . We make a sold distance of the distance o withir formletes some additions to both theorems. Incording to the author only the theorem of Johns - Passenhaus is nealed for the proof. Horse are 7 references, I of lidel are loviet, I muliah. 1 direct, and 1 Titling. to TCD: "claurably party tiched is to titue (.olema to asserted Testitate) it is comber 22, 1990. comber 32. 1950, but. . At there we emician St. r - 1/15

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"
GOL! PERG, P.A.

VF subgroups of infinite groups. Izv. vys. ucheb. zav.: mat, no.4: 50-55 '59. (MIRA 12:11)

1.Kolomenskiy pedagogicheskiy institut.
(Groups, Theory of)

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GOL'BERG, P.A. (Moskva)

S-radical and Sylow bases of infinite groups. Mat.sbor. 50 no.1: 25-42 Ja '60. (Mra 18:6)
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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOL BERG P.A.

Hall bases in some classes of groups. Sib.mat.zhur. 1 no.1: 14-144 My-Je '60. (MIRA 13:1 (MIRA 13:11)

(Groups, Theory of)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9*

GOL! MERG, P.R., ingh.

Construction of large silos. Zhivotnovodstvo 20 nc.8:79-81 Ag '58.

(MIRA 11:10)

(Silos)

GOL BERG, R.S. CIA-RDAYAN, V.V.; POPLAVSKAYA, Ye.A.;

Materials on the variability of the bacillary dysentery bacteria in the human organism. Zmar. mikrobiol. epid. 1 immun. no.10:97 (MIRA 8:1) 0 \$54.

1. Iz Kazakhskogo instituta epidemiologii, mikrobiologii i gigiyeny. (SHIGELLA DYSENTERIAE)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOL BERG, S.A.

Mechanical cleaning of suction tubes on combing machines.

Ohm.tekh.opyt. [MLP] no.16:33-34 *56. (MERA 11:11)

(Combing machines) (Dust collectors)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOLIFERG, S.A.

Mechanism for lifting the counterweight of a roving machine carriage. Obm.tekh.opyt. [MLP] no.16:36-38 156. (MIRA 11:11) (Spinning machinery)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"
GOL'BERG, S. Z.

"Strength of Medical Instruments," Med. Prom., No. 3, 1949.
All-Union Sci. Res. Inst. Medical Instruments & Equipment.

807/81-59-16-57438

Translation from: Referativnyy zhurnal, Knimiya, 1959, Nr 16, p 261 (USSR)

AUTHOR: dol'berg, S.Z.

FF: LE: The Investigation of the Effect of the Salt Media Composition in the

Thermal Treatment on the Corrosion Resistance of Instruments

PERIODICAL: Materialy po obmenu opytom i nauchn. dostizh. Vses. n.-i. in-t med. in-

strumentariya i oborud., 1958, Nr 4 (29), pp 99-103

AESTRACT: The optimum composition of a salt mixture has been established which en-

sures the production of instruments from stainless and earbon steels with. a clean surface without oxidation and decarbonization. Such a composition is the mixture of the salts $BaCl_2$ - 05% and KCl - 35%. Charcoal decree as a reducing agent for the salt baths.

O. Firmer.

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

GOL: BERG, S. Z.

New alloys replacing chrome mickel stainless steel in redical supplies. Nov. med. takh. no.3:53 62 [61] (MIRA 14:12)

l. Vsesoyuznyy nauchno-issledovateliskiy institut meditsinskikh instrumentov i oborudovaniya.

(MEDICAL INSTRUMENTS AND ALPARATUS)

Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

\$/137/62/000/005/097/150 A006/A101

AUTHOR:

Gol'berg, S. Z.

TITLE:

Investigation of new alloys for the purpose of replacing chrome-

nickel stainless steel in medical articles

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 66, abstract 51395

("Med. prom-st', SSSR", 1961, no. 12, 51 - 54)

The author investigated stainless Cr and Cr-Ni steels with a reduced Ni content, but with amounts of N and Mn, exceeding the Mn content in conventional stainless steel. The possibility was studied of replacing stainless Cr-Ni steels with Al-base alloys. Best alloys for medical purposes were found to be X 18 F 14 AH 4 (Kn18G14NN4) (I) and X14 F 14 H 3 T (Kn14G14N3T) (II) steels. I contains in %: C 0.08, Si 0.8; Mn 13.1; Cr 18.3, Ni 3.5, and has 6°_b as high as 8°_b kg/mm², 6°_b 45%, Hy 258 kg/mm². II contains in %: C 0.03, Si 0.8, Mn 13.7, Cr 14.08, Ni 2.88 and has C_b as high as 75 kg/mm², \pm 45%, E_V 183 kg/mm². X 17 (Khl7) and X17H2 (Khl7N2) steels are recommended for medical articles which during their manufacturing are not subjected to great deformation and extended

Card 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

S/137/62/000/005/097/150 AGC6/A101

Investigation of ...

heating. Al and its alloys are recommended for medical articles operating at high temperatures under conditions of low humidity.

T. Rumyantseva

[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

GOL'BERG, S.Z.

Selection and study of alloys used for eyeglass frames. Med. prom. 15 no.3:27-32 Mr 161. (MIRA 14:5)

l. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.

(SFEGTACLES)

u/102/02/000/000/003/004 p040/0133

AUTHORS:

3-11berg, 3.I., and Vaymer, Ye.L.

TITLE:

Literally, a Clear configurat parts from stainless Malicas ANA sheet

dedel

PLATCHTOLL: In an additional temp event may appropriate istro, no. 10, 10, 2, 27-30

TEXT: A V of they much coincide advantal they institute negligible institute of helical town color of the five index (VMINITIO) (AMI-Union Scientific Advanced Institute of helical Instruments and Equipment) tested 7 stainless atted grades in search for a lon-nickel substitute for X1947 (MAISAP) steel used for equipment produced by cold charmolon, X17714AH4 (MAISAPANA) was selected as the best substitute, and X14714H3T (MAIAAPANAP) as the next best. The chemical composition of MainN92 and these substitutes is:

Carl 1/2

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R000515610013-9

CIA-RDP86-00513R000515610013-9

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9*

Tell 181. 9, 3.1.; VIVIER, Yell.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

L 09359-67 EAT(t)/ETI IJP(c) JD/JH

ACC NR: AT6033749 SOURCE

SOURCE CODE: PO/2541/66/010/001/0003/0028 . 7

AUTHOR: Golberg, Slawomir

ORG: Institute of Telecommunications and Radio Engineering, Warsaw (Instytut tele- i radiotechniczny)

TITLE: Initial results of the use of aluminum foil in low-power transformers

SOURCE: Warsaw. Instytut Tele- i Radiotechniczny. Prace, v. 10, no. 1 (34), 1936, 3-28

TOPIC TAGS: aluminum foil, aluminum foil coil, electric transformer, induction coil, transformer winding

ABSTRACT: Some aspects are given for using aluminum foil for windings of induction coils. The methods of manufacture are described for aluminum-foil coils and varnished aluminum-foil. The initial test results are presented for a 50-w power transformer and a choke of a power-unit filter with aluminum-foil windings. The effect of such windings on the design of radioelectron's induction coils is described. Orig. art. has: 10 figures and 2 tables. [Based on author's abstract]

SUB CO. 23: 20 / SUBM DATE: 30Dec65 / ORIG REF: 004 / SOV REF: 001 / OVE 100F: 505 / UDC: 521.314.21, SKT 2047

Approved For Release: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOL' HERG, V.

Assembly-line construction of electrolytic units. Stroitel'
no.5:2-3 My '58. (MIRA 11:6)

1.Nachal'nik stroitel'nogo uchastka Alyuminstroy - 1 tresta
Kuznetsktyazhstroy.

(Aluminum industry--Equipment and supplies)

(Precast concrete construction)

CIA-RDP86-00513R000515610013-9 CIA-RDP86-00513R000515610013-9 GCL APPROVED FOR RELEASE: Thursday, September 26, 2002 APPROVED FOR RELEASE: Thursday, September 26, 2002 power-driven mobile cranes and simple scrapers which Gives five illustrations of various types of cranes. should be manufactured in workshops of Trust No 3. Claims that 226 working days per person were saved Points out present deficiency of loading and un-43/49T39 building organizations. Discloses new types of loading mechanisms and other equipment in most annually as the result of power-driven oranes. 43/49T39 "New Types of Construction Machinery," V. A. Jun 48 Jun 48 Construction Industry Construction Equipment (Contd) Gol'berg, Engr. 2 pp "Strci Prom" No 6 USSR/Engineering USSR/Engineering

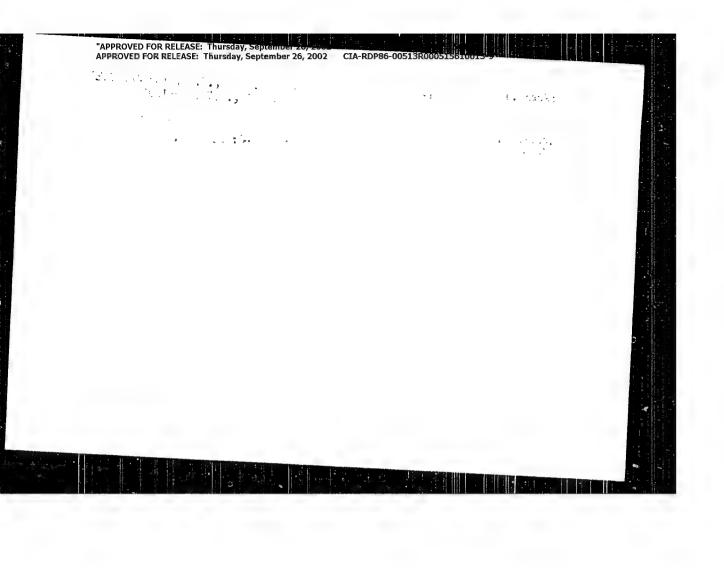
"APPROVED FOR RELEASE: Thursday, September 26, 2002 CLA-RDPSG-00513R000S15610013-9

ARZHENENKO, L.A.; GOL'RERG, V.A.; LITMAN, N.Ya.

Transistor amplifier with an output power up to 100 va for follow-up systems. Priborostroenia no.4:16-19 Apr 460.

(Transistor amplifiers)

(Transistor amplifiers)



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"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R00051581002."

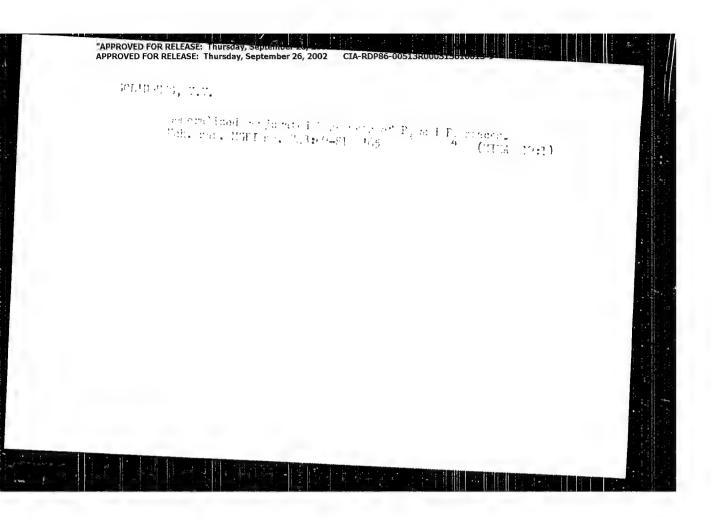
GOL'BERG, V.V. (Yuzhno area insk)

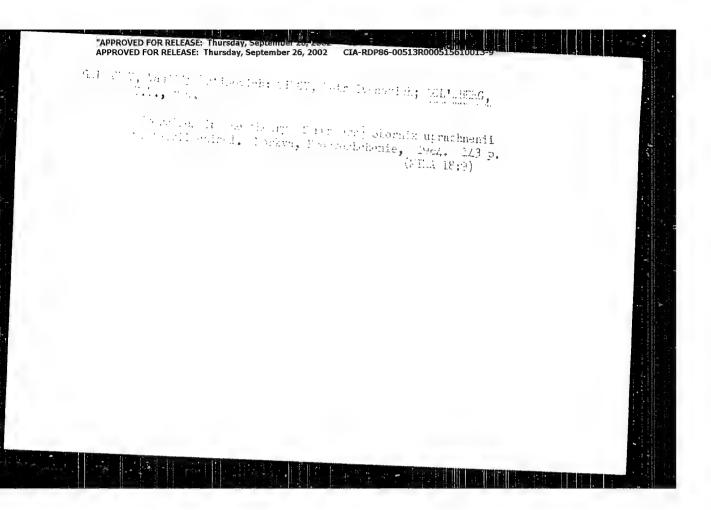
Fibroma of the retropharyngeal space. Vest. oto-rin. 16 no.3:

(LARYNK, neoplasms, *fibroma, retropharyngeal)

(FIBROMA, *retropharyngeal)

*retropharyngeal)
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2/130/62/001/003/003/002/01 AUC5/A101

AUTHORS:

Erichevskiy, Ye. H., Golfberg, V. Ya.

TITLE:

New calibrating of argon-arc electric (i.e welding machine

PERFECTION, Metallione, No. 3, 1960, Co-27

TEMP: The 18-18-2 type enjoy-are electric pipe walking to hime, mounted at the Moscow Pipe Plant, consists of three units with three shands each. The units are equipped with vertical rolls and the distance between the stuni axes is 610 mm; one if the unite is without vertical rolls; the distance between the axes of the stands is '60 mm. This design makes it possible to calibrate the rolls with one radius which decreases from the first stant in linestion of folding. The advantages of this calibration are: the effective Harribation of bending angles over the stants, and the use of 3 stands with callt disks. Formulae are given for the analytical expression of optimum distribution of bending angles. Tests were run with pipes of 25 mm in director foldel and welded on grooves intended for 33 m diameter; the rolls were replaced on the 3 finishing stands with split disk. The pipes were then folded and welded an grooves intended for pipes of 25 mm in diameter. The same tests were performed

Card 1/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 APPROVED FOR RELEASE: Thursday, September 26, 2002 CTA-RDP86-00513R000515610013-9"

> 5/136/62/000/010/002/004 E193/E383

AUTHOR:

Gol'berg, V.Ya.

TITLE:

Fabrication of brass tubes by resistance butt-seam

welding with radiofrequency currents

PERIODICAL: Tsvetnyye metally, no. 10, 1962, 69 - 71

The present article describes work carried out at the Moskovskiy trubnyy zavod (Moscow Tube Works), GIPROTSMO and NIITVCh im. Vologdina on the manufacture of brass tubes by resistance butt-seam welding with RF (425 kc/s) currents. The experiments were carried out on brass \$\infty\$ (L68) tubes, 25 mm OD, 2 mm wall thickness, welded at a rate of 20 m/min. Tungsten electrodes were tried first and found unsuitable because they tended to become overheated, which caused formation of a dark tungsten deposit on the tube surface and led to instability of the welding process. These difficulties were overcome by using tungsten/silver electrodes with a much lower chmic resistance. The welding pressure applied was similar to that used for welding steel tubes. The best results were obtained under the following conditions: $I_a = 8.2 \text{ A}$; $U_a = 6.3 \text{ kV}$;

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"
FONYUGHENKO, A.T.; GOLOVKIN, R.V.; GOL'BERG, V.Ya.; ORLOV, Ye.D.

Radio-requency welding of straight-seam tubes on the 6-32 machine. Metallurg 8 no.l0:24-26 0 '63. (MIRA 16:12)

l. Moskovskiy trubnyy zavod.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515010013-9

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"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515810015-9

GOL'BERG, Ya.F.

The ATSS and ATSSN pumping units. Biul.tekh.wekon.inform.
no.2:12-13 'e2.

(Pumping machinery)

APPROVED FOR RELEASE: Indisday, September 26, 2002 CIA-RDP86-00513R000515610013-9*
GORSHENINA, T.I.; GOL'BELIG, Ye.D.; GOLOSOV, 0.3.

Effect on the blood and hemopoietic organs of massive doses of betatron radiations. Med. rad. 5 no.11:14-20 N '60. (MIRA 13:12) (RADIATION SICKNESS) (HEMATOPOIETIC SYSTEM)

APPROVED FOR RELEASE: Thursday, September 26, 2002

GOL'BERG, Ye.M.

Estimating the volume of an N-simplex by the volumes of its faces [vith summary in English]. Vest. LGU no.13:5-10 '61.

(Dimensional analysis)

(MIPA 14:7)

L 20667-66 PPROVED FOR RELEASE: Thursday, September 26,2002 CIA-RDP86-00513R000515619013-9 ACC NRI AP6001477 SOURCE CODE: UR/0226/65/D00/012/0069/0072 AUTHOR: Ivensen, V. A.; Gol'dbarg, Z. A.; Eyduk, O. H.; Ful'kovskiy, B V. A. ORG: All-Union Scientific Research Institute of Hard Alloys (Vsesoyuznyy nauchno-issledovatel skiy institut tverdykh splavov)/ TITLE: Resistance of a hard alloy to failure under inpact loads SOURCE: Poroshkovaya metallurgiya, no. 12, 1965, 69-72 TOPIC TAGS: plastic deformation, mechanical shock resistance, specific resistance, compressive strength, ultimate stress, bending stress, data analysis, tungsten containing alloy, failure ABSTRACT: The effect of plastic deformation of a hard alloy on its resistance to failure under impact loads was analyzed. It was shown that despite the relatively low value of plastic deformation, the latter has a great effect on the efficiency of the hard-alloy load. This was corroborated by experimental data characterizing the efficiency of a very coarse-grained and a medium-grained alloy with 20% Co. 1/2 The resistance to failure and efficiency of the coarse-grained alloy is much greater than that of the medium-grained alloy despits the higher ultimate bending and compression strengths of the latter. The differL 20567-06

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R000515610013-9*

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Card 2/2 BK

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; FILIPPOVA, Ye.I.; GCL'BERKOVA, A.S. (Khar'kov)

Correlation between absorption spectra and pH of diphenylamine and some of its derivatives in ethanol solution. Thur. fiz. khim. 35 no. 4:825-827 Ap 161. (MIRA 14:5)

1. Khar'kovskiy politekhnicheskiy institut im. V.I. Lenina. (Diphenylamine-Spectra) (Hydrogen-ion concentration)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP80-00513R000515610013-9"

BUGAY, P.M.; G.L'BERKOVA, A.S.; BATHEROVA, L.M.

Effect of solvents on the absorption spectra of some arinoand quione derivatives of diphenylamine. Zhur.fiz.khim. 35 no.8:1731-1737 Ag '61. (MIRA 14:8)

1. Whar'kovskiy politekhnicheskiy institut imeni V.I. Lenina. (Diphenylamine-Spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

BUGAY, P.M.: KONEL'SKAYA, V.N.; GOL'BERKOVA, A.S.; BAZHENOVA, L.M.

Electronic spectra and the nature of absorption bands of aromatic amine derivatives. Part 3. Zhur.fiz.khim. 36 no.10:2233-2235 0 '62. (MIRA 17:4)

1. Kher'kovskiy politekhnicheskiy institut imeni Lenina.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

BUGAY, P. M.; KONEL'SKAYA, V. N.; GOL'BERKOVA, A. S.

Electron spectra and the nature of the absorption bands of aromatic amine derivatives. Part 4: Electron spectra and the nature of the absorption bands of acetyl derivatives, N-hydroxy-, and N-nitroso derivatives of diphenylamine. hydroxy-, thim. 36 no.12:2754-2757 D 162. (MIRA 16:1)

1. Khar¹kovskiy politekhnicheskiy institut imeni Lenina.

(Diphonylamine—Spectra)

CTA-RDP86-00513R000515618615-9-CD-FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

BUGAY, P. M.; KONEL'SKAYA, V. N.; GOL' HERKOVA, A. S.; BAZHENOWA, L. M.; and NAYDENOVA, I.I

"Issledovaniye metodom elektronnykh spektrov kinetiki okisleniya orto oksi-i metoksi-proizvodnykh difenil-amina v 98% H SO vo vremeni i ustanovleniye prirody polos pogloshcheniya."

report submitted for the VIIth European Congress on Molecular Spectroscopy, Budapest, 22-27 Jul 1963.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 CIA-RDP86-00513R000515610013-9

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 4: Hydroxy-, methoxy-, and acetoxy-substituted benzenes. Zhur. ob. khim. 33 no.5:1614-1624 My 163. (MIRA 16:6)

1. Khar'kovskiy politekhnicheskiy institut imeni V.I. Lenina. (Benzene-Absorption spectra)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 CIA-RDP86-00513R000515610013-9

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 6: Phthalic acids and their methyl esters. Zhur. ob. khim. 33 no.5:1633-1639 My *63. (MIRA 16:c)

 Khar[†]kovskiy politekhnicheskiy institut imeni V,I. Lenina. (Phthalic acid—Absorption spectra) S/076/63/037/002/011/018 B101/B186

AUTHORS:

Bugay, F. M., Bazhenova, L. M., Gol'berkova, A. S., Konel'skaya, V. M., Naydenova, I. I. (Khar'kov)

TITLE:

Electron spectra and nature of the absorption bands of aromatic amine derivatives. II. Electron spectra of diphenyl amine and its hydroxy and methoxy derivatives

FERIODICAL:

Zhurnal fizicheskoy khimii, v. 37, no. 2, 1963, 378-386

TEXT: Based on the classification of absorption bands of diphenyl amine derivatives published in Zh. fiz. khimii, 36, 1562, 1962, the bands of the following compounds are discussed in detail: $C_6H_5NHC_6H_4X$, where $X=H_5$ o-, m-, or p-OH; o-, m-, or p-CH₃O, and $XC_6H_4NHC_6H_4Y$, where X=Y=0, m-, or p-CH; X=0-, m-, or p-OH, Y=0-, m-, or p-CH₃O; X=Y=0-, m-, or p-CH₃O. The solutions used were: hexane, ethanol, 98% H_2SO_4 , Elacial acetic acid, or ethanol + 2 M sodium alcoholate. The data for λ , log ξ , oscillator strength, electron transfer energy and band width are tabled. Card 1/3

Electron spectra and nature ...

S/076/63/037/002/011/018 B101/B186

In all substances, the fundamental band was the Λ_{16} \rightarrow B_{2u} benzene band which has high absorption and oscillator strength and appears between $\Lambda=254$ and $\Lambda=300$ mm. Besides this, the A band $(\Lambda=203-417$ mm) and the short-wave aniline band B $(\Lambda=220-246$ mm) were observed, but not in all solvents. The long-wave B band $(\Lambda=335-690$ mm) is observed in almost all dihydroxy, hydroxy-methoxy and dimethoxy derivatives of diphenyl amine. In the presence of two or three functional groups with equal electron-directing properties (OH, OCH₃, NH) one of the groups, when subjected to

the effect of NH as a strenger electron donor acquires, the properties of a weak electron acceptor; this causes the appearance of the A band characteristic of functional groups with opposite sign. Also the dipole moment increases which was 1.95 D for p-hydroxy diphenyl amine, 1.79 D for 4-methoxy diphenyl amine, and 3.5 D for 4,4'-dihydroxy diphenyl amine. On formation of salts, the B band disappears or becomes weaker, when the salt formation is incomplete. In such cases, the oscillator strength decreases and a hypsochromic shift of the $A_{16} \longrightarrow B_{20}$ band is observed. There are 2 tables.

Card 2/3

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP80-00515R000515610013-9" CIA-RDP80-00513R000515610013-9"

Electron spectra and nature ...

S/076/63/037/002/011/018 B101/B186

ASSOCIATION:

Khar'kovskiy politekhnicheskiy institut in. V. I. Lenina (Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED:

November 22, 1961

Card 3/3

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 CIA-RDP86-00513R000515610013-9

LUTSKIY, A.Ye.; GOL'BERKOVA, A.S.; BUGAY, P.M.

Absorption spectra of disubstituted benzenes with similarly oriented functional groups. Part 5: Amino- and acetamido-substituted phenol and anisole. Zhur. ob. khim. 33 no.5t 1624-1632 My 163. (NIRA 16x6)

S/076/63/037/003/012/020 B101/B215

AUTHORS:

Bugay, P. M., Konellakaya, V. N., Bazhenova, L. M.,

Gol'berkova, A. S., Naydenova, I. I.

TITLE:

Effect of the type of aromatic amines (primary, secondary, tertiary) and their o-derivatives, m-derivatives, and p-

derivatives on the absorption spectra

PERIODICAL: Zhurnal fizicheskoy khimii, v. 37, no. 5, 1963, 652-655

TEXT: This is a comparison of the widths and intensities of the 288 mm benzene absorption bands in the spect of aniline, diphenyl amine (DPA), triphenyl amine, o-aminophenol, 2-hydroxy-DPA, 2,2'-dihydroxy-DPA, 2-hydroxy-2'-methoxy-DPA, m-aminophenol, 5-hydroxy-DPA, 3,3'-dihydroxy-DPA, 5-hydroxy-3'-methoxy-DPA, p-aminophenol, 4-hydroxy-DPA, 4,4'-hydroxy-DPA, and 4-hydroxy-4'-methoxy-DPA dissolved in ethanol, hexane, 98% H₂SO₄, 100% CH₂COOH, and ethanol + 2 M alcoholate. Results: (1) The amino group is conjugated with all benzene rings, although to different degrees in the different compounds. The greates: increase in intensity of the band Card 1/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 CIA-RDP86-00513R000515610013-9"

Effect of the type of aromatic ...

S/076/63/037/003/012/020 B101/B215

occurs on transition from aniline to DPA. (2) The chemical activity of the compound and salt formation in H₂30₄ and CH₃COOH can be determined from the hard intensity. (3) Increase in intensity of maximum absorption

from the band intensity. (3) Increase in intensity of maximum absorption on transition from aminophenol to monohydroxy-DPA and decrease in intensity on transition to dihydroxy-DPA confirm that the anino group of DPA is conjugated with both benzene rings and that the conjugation is affected by the functional groups in o, m, or p positions. (4) In the ortho-hydroxy derivatives of aniline and DPA there exists an intramolecular hydrogen bond. (5) The band intensity decreases on salt formation. (6) Intensive changes showing no regular relation to the band intensity occur during the formation of quincidal compounds and oxidation. There are 3 tables.

ASSOCIATION: Khar'kovskiy politekhnicheskiy institut im. V. I. Lenina

(Khar'kov Polytechnic Institute imeni V. I. Lenin)

SUBMITTED: March 19, 1962

Card 2/2

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9" CIA-RDP86-00513R000515610013-9"

BUGAY, P.M.; GOL'BERKOVA, A.S.; KONEL'SMAYA, V.N.; NAYDEMOVA, I.I.

Absorption spectra and nature of absorption bands of aromatic amine derivatives oxidized in 18% sulfuric acid. Fart 1. Jhur.fiz.khim. 37 no.10:23/9-1343 0 163. (MIRA 17:2)

1. Khar kovskiy politekhnicheskiy institut imeri Lenina.

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BUGAY, P.M.; GOL'BFREOVA, A.S.; NAYDEROVA, I.I.

Absorption spectra and the nature of absorption bands of aromatic amine derivatives oxidized in 98% H₂SO₄. Zhur. fiz. khim. 37 (MIRA 17:2) no.11:2563-2566 (MIRA 17:2)

1. Khar kovskiy politekhnicheskiy institut .meni Lenina, ..

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GOLBERS, L., prof.d-r med.nauk.

Effect of hepatocytotoxic serum on glycogen in the liver of rats. Latv. PSR Zin. Akad. Vestis no. 2:101-106 52. (MLRA 6:6)

1. Rizhskiy meditsinskiy institut.

(Serum) (Glycogen)

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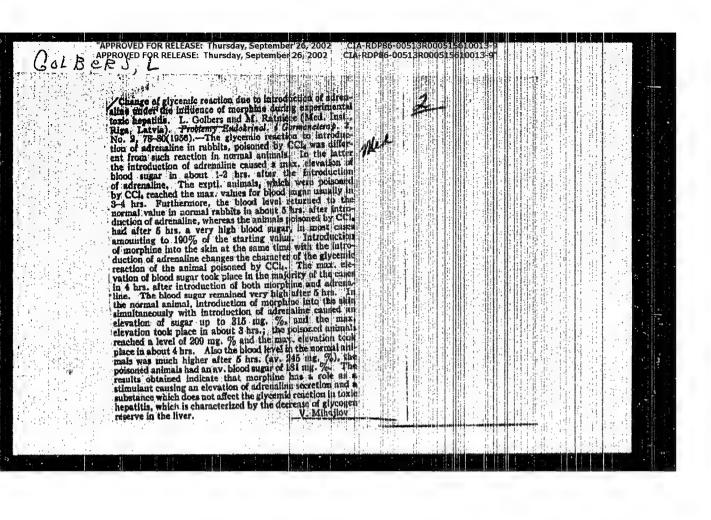
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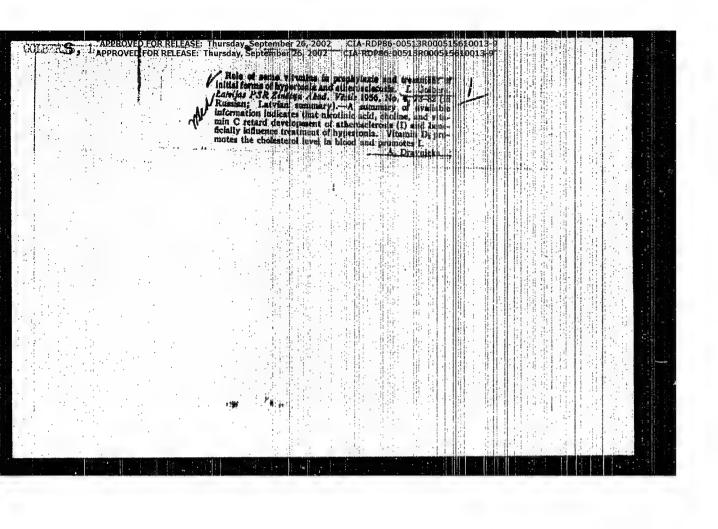
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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-ROPS6-00513R000515010013-9*

Modification of glycemic reaction to adramation under the fluence of morphine. L. Gol'bers and M. Rutter and M. Rutter and L. Gol'bers and M. Rutter and M. Rutter and L. Gol'bers and M. Rutter and M. Rutt





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ALEKSALDROV, K.I.; GOL'BERT, A.V.

Origin of manganese ores in the Yashka limestone deposit. Geol. i geofiz. no.1:115-117 161. (MIRA 14:5)

l. Sipirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya, Novosibirsk.

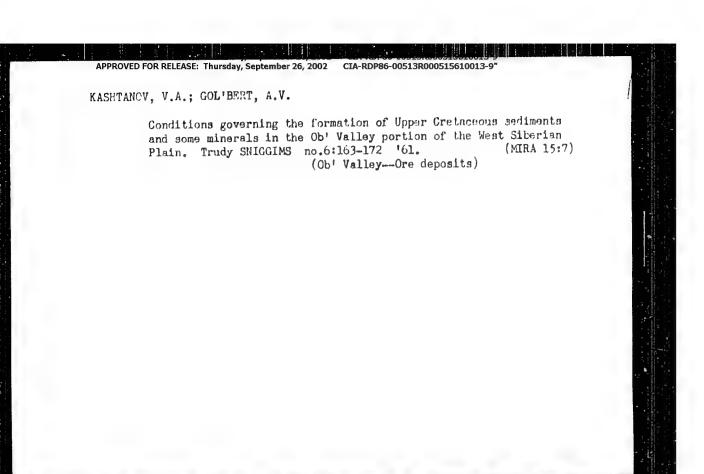
(Bol'shaya Yasha--Manganese ores)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 GOL'BERT, A.V.

Bauxites of Livanovka deposits in the Ural Mountain region of the West Siberian Plain. Trudy SNIGGIMS no.6:136-149 '61.

(MIRA 15:7)

(Ural Mountain region--Bauxite)



GOL'BERT, A.V.

Conditions governing the formation of bauxite-bearing series in the Turgay trough. Trudy SNIIGHINS no.25:81-102 '62. (MIRA 16:4) (Turgay gates—Bauxite)

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KASHTANOV, V.A., GOL'BERT, A.V.

Geology and randralogy of Mesospic and Genosole sediments in the Yenisey trough and an estimation of their possible reserves. Geol. 1 geofic. ne.4.33-90.163. (MIRA le:10)

1. Sibirskiy nauchno-issledovatel'skiy institut gaologii, geofiziki i mineral'nogo syr'ya, Nevosibirsk.

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LHERT, K. A.

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CHEMISTRY gasoline

see ILC

GOL'BERT, V.N., inzh.; PEVERER, M.C., inzh.

Concerning the book by S. K. Abramov, O.B. Skirgello, and M. I.
Chel'tsov "Drainage of mine areas and open pits of coal deposits."
Reviewed by V. N. Gol'bert, M. S. Pevzner. Shakht. strci. 5
no.623-4 of cover je '61.

(Mine drainage)

(Abramov, S.K.)

(Chel'tsov, M.I.)

(Chel'tsov, M.I.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9

GOL'BERT, Z. 7. Cand. Med. Sci.

Dissertation: "Experimental Tumors of the Tongue." Central Inst. for Alvanced Training of Physicians. 29 Apr 47.

SO: Vechernyaya Moskva, Apr. 1947 (Project #1/930)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"
GOL'BERT, A. V.

"Experimental Tumors of the Tongue," Arkhiv Pot 1., 10, 10.2, 1949.

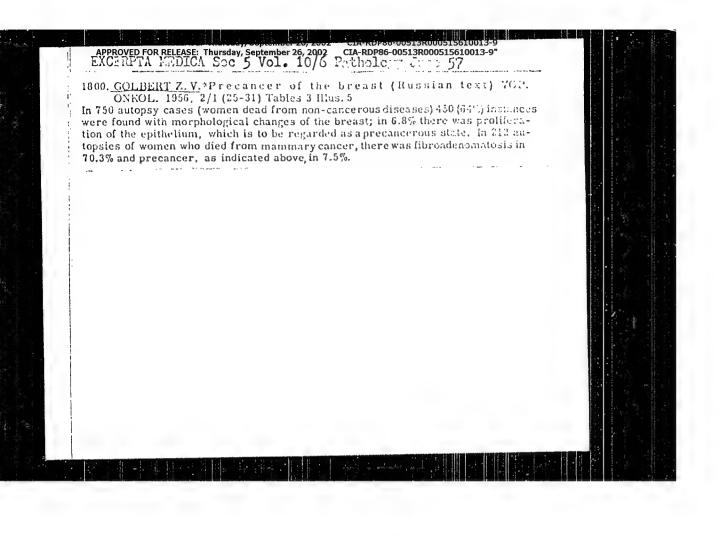
Path legical Anatomical Bept., Cent. Oncological Inst. im P. A. Gertsen, Min. Public Health RUFOR

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9 1-1-1 GOL'BERT 2 Language atarshiy nauchnyy sotrudnik

Histomorphologic modification in breast cancer following preoperative roentgenotherapy. Trudy AMN SSSR 21 no.4:57-63 \$52. (MLRA 10:8)

1. Iz patologoanatomicheskogo otdeleniya TSentralinogo onkologicheskogo instituta im. P.A.Gertsena Ministerstva zdravookhraneniya RSFSR (dir. - chlen-korrespondent AMN SSSR prof. A.I.Savitskiy) (BREST, neoplasms,

radiother., preop.)
(RADIOTHERAPY, in various diseases, cancer of breast, preop.)



PODOL'SKAYA. Ye.Ya. (Moskva, tsentr. Malokomsomol'skiy per., d.4, kv.1) GOL'BERT Z.V. (Moskva, 100 Strel'bishchenskiy per., 16, kv.1)

Comparison of X-ray data with the anatomy of resected lung segments in primary bronchial cancer. Vop.onk. 2 no.2:166-172 *56. (MIRA 10:3)

1. Iz rentgenodiagnosticheskogo otdeleniya (zav. - prof. Ye.B. Abarbanel') i patologoanatomicheskogo otdeleniya (zav. - Z. V. Gol'bert) Gosudarstvennogo onkologicheskogo instituta im. P.A.Gertsena (dir. - prof. A.N.Novikov; nauch. rukovod. - chlen-korrespondent AMN SSSR prof. A.I.Savitskiy)

(BRONCHI, neoplasms surg., comparison of preop. x-ray with anat. of resected segments)

GOL'BERT, Z.V. (Moskva)

Peculiar reticulocytomas of the lungs; a case of lipid reticuloendotheliosis of the lungs (tumorous form of lipid pneumonia) and reticulocytoma of the lungs from histiocytes. Arkh.pat. 20 no.1:60-66 '58. (MIRA 13:12)

1. Iz patologoanatomicheskogo otdeleniya Gosudarstvennogo onkolgicheskogo instituta imeni P.A. Gertsena (dir. - doktor meditsinskikh

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CIA-RDP86-00513R0005

leukaemoid reactions; no true sarcomas were observed.

GOL'BERT, Z.V. (Moskva)

Papillary tumors of the ovaries and mesethelionas. Arkh.pat. 21 no.7:56-61 '59. (MIRA 13:5)

1. Iz patologoanatomicheskogo otdeleniya (sav. - kand.med.nauk Z.V. Gol'bert) Gosmarstvennogo onkologicheskogo instituta imeni P.A. Gerbsena (dir. . prof. A.N. Nevikov, nauchnyy rukovoditel' -chlez-korrespondert AMN SSSR prof. A.I. Savitskiy). (OVARY neoplasms) (MESOTHELIOMA)

NOVIKOV, A.N., prof.; GARIN, N.D., doktor med.nauk; GOLFDERT, Z.V., kand.med.nauk; VOLKOVA, M.A., kand.med.nauk; KISELEVA, Ye.S., kand.med.nauk; MATVEYEVA, T.N., kand.med.nauk; VAVAKIE, A.D., kand.med.nauk

Initial experience in the combined treatment of pulmonary cancer. Khirurgiis no.0:22-28 Ag 162. (MITA 15:8)

1. Iz Gosudarstvennogo nauchno-issledovatel skogo onkologicheskogo instituta imeni P.A. Gortsona (dir. - prof. A.V. Novikov) Ministerstva zdravookhraneniya RSFSR.

(LUNGS--GANCER)

PANIKAROVSKIY, V.V.; GOL*BERT, Z.V.; GCSH T. fe.

Cylindromas of the salivary glands. Stomatologica Li no.5° 47-50 S-0 *62.

1. Iz kafedry propedevtiki khirurgicheskoy stomatologii (zev. ... prof. G.A.Vasil'yev) Moskovskogo meditsinskogo stomatologicheskogo instituta (rektor - dotsent G.N.Beletskiy) i patologicheskogo instituta (zev. ... starshiy mauchiyy schrudnik Z.V. Gol'bert) Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertseva (dir. - prof. A.N.Novikov) (SALIVARY GLANDS ... TUMDRS)

GOL'BERT, Z.V.; BADMAYEYA, V.V.

Review of IU.M. Vasiltevia book "Gommestive tissue and tumor growth in experiment." Vop. onk. 9 no.8:125-126 *63 (MIRA 17:4)

GOL'BERT, Z.V.

Aneurysmal bone cysts. Khirurgiia 40 no.8:130-136 Ag 164.

(MIRA 18:3)

1. Onkologicheskiy institut imeni Gertsena (dir. - prof. A.N.
Novikov), Moskva.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R0000515610013-9
BADMAYEVA, V.V.: GOL'BEET, T.V.; KOBOTEVA, S.A.; SATUREREDO, G.S

Morphological changes in a tumor during the preoperative treatment of pulmonary cancer with Thio-TEPA. Khirurgiia 41 no.4:22-32 A; '05. (XIKA 18:5)

1. Patologoanatomicheskoye otdeleniye (zav. - kand. med. nauk T.V. Gol'bert) (nkologicheckogo instituta imeni Gerfsena, Woskva.

GOL'BERT, Z.V.; KOBOZEVA, S.A.; MATVEYEVA, T.N.

Morphological changes in lung cancer under the influence of preoperative telegammatherapy. Vop. onk. 11 no.8:3-8 '65. (MIRA 18:11)

1. Iz patologoanatomicheskogo i radiologichaskogo otdeleniy Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertsena (direktor -- prof. A.N.Novikov).

DERKACH, V. N.; GOL'BETS, I.I.

Effect of antibiotics on antigenic properites of diphterial toxins and anatoxins in gel diffusion precipitation experiments. Antibiotiki 6 no.2:153-158 F *61. (MIRA 14:5)

1. Mikrohiologicheskiy otdel (zav. -- prof. V.S.Darkach) biokhimicheskiy otdel (zav. D.M.Koshkina) Kharikovskogo nauchno-issledovateliskogo instituta vaktsin i syvorotok imeni I.I. Mechnikova.

(ANTIBIOTICS) (DIPETHERIA) (TOXINS AND ARTITOXINS)

SINKL'NIKOV, N.; GOL'BETS, M.; PICHKOV, K.; DRAULAL', A. CHERATOV V. SKRINNIKOV, TILY POPOSTKIN, S.; GARAYAV, V., Tell. V. HINOSYAN, I.

Useful details. Za rul. 15 no.5:insert p.12-14 Fy 187. (MIRA 10:6) (Automobiles)

L'VOV. D.V.: MORGULIS, P.S.; ABRAMOV. S.L.; GOL'EMTS. M. ..

Remarks on the question of the practical value of A.K.D'iacakov's works.

Izv. all SSSR Otd.tekh.nauk no.5:???-??8 My '53. (MIRA 6:8)

(Bearings (Machinery)) (D'iachkov, a.K.)

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GOL'BETS, M.N., inzh.

Icebreaking equipment, Transp. stroi. 15 no.9:51 S 165. (MIRA 18:11)

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GOLTBETS, M.N., inzh.

File winch with clutch released by the reverse action of

File winch with clutch relianed by the reverse action of the electric motor. Transp. strol. 15 no.6:28-30 Je *65. (MICA 18:12)

USSR/Engineering - Refractories

Jun 51

"Increasing the Durability of Tuyeres in a Bessemer Converter," S. G. Afanas'yev, S. B. Gel'bets, Engineers, Dnepropetrovsk Metallurgical Plant imeni Petrovskiy

"Ogneupory" No 6, pp 260-266

Tests showed durability of chromite and high-alumina tuyeres, nearly similar, is almost twice that of ordinary chamotte tuyeres now made at plant. Bottom-lining material is important to durability of tuyeres, and improvement in quality of Dinas bricks, used for lining, appears major factor in longer tuyere life

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USSR/Engineering - Refractories, Service

Dec 51

"Fabrication and Service of Chromite-Magnesite Brick," S. B. Gol'bets, Engr, Plant imeni Petrovskiy

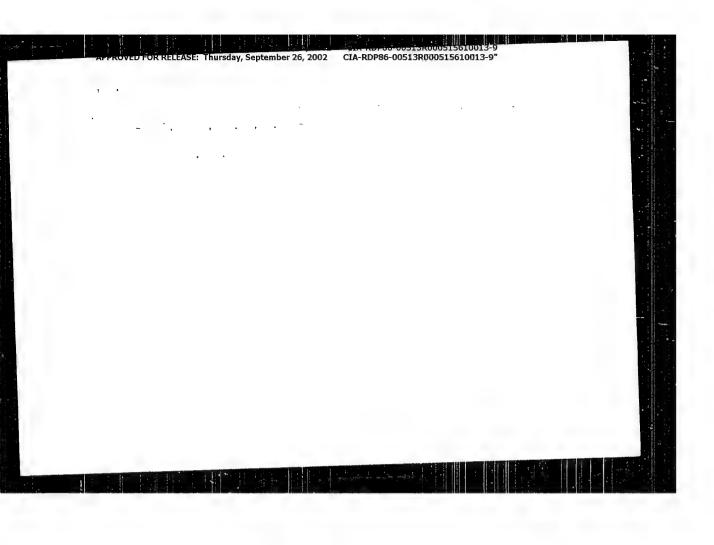
"Ogneupory" No 12, pp 558-562

Discusses measures for improving of chromite-magnesite brick and increasing its life in roof of open-hearth furnaces. Considerable increase of life was attained: 340 heats in 55-tor furnaces and 243 heats in 185-ton furnaces. However this achievement is considered unsatisfactory, since Kuznetsk Metallurgical Combine obtained over 500 melts for 185-ton furnace.

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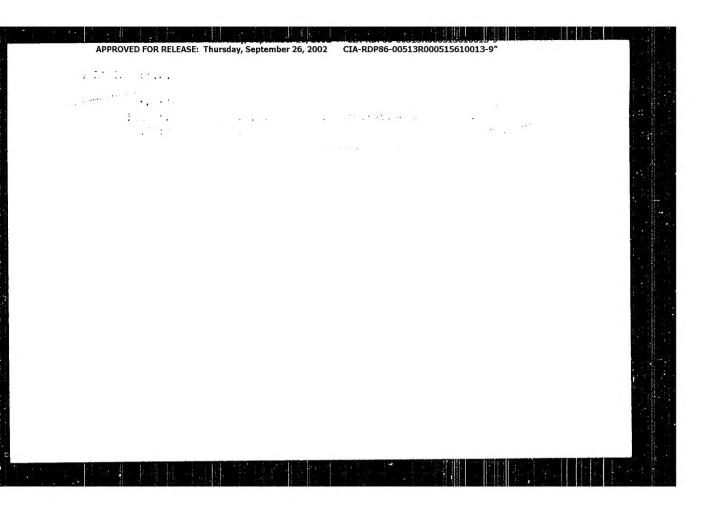
KOVTUNENKO, G.A.; GOL'BIN, IA.A., kandidat ekonomicheskikh nauk.

Ways of reducing production costs in the glass industry of the White Russian S.S.R. Leg.prom.15 no.1:8-11 Ja '55. (MIRA 8:3)

1. Glavnyy inzhener Belstekletresta (for Kovtunenke). (White Russia--Glass manufacture)

GOL'BIN, YA.A.; TRONYAK, D.H.

There should be a constant increase in the productivity of labor and equipment. Leg.prom. 15 no.9:16-17 S '55. (NLRA 9:1) (Russia--Manufactures)



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GOL BIN, Ya., kandidat ekonomicheskikh nauk; TSVIK, G.

Efforts to avoid loss of working time at the Minsk Automobile Plant. Sots.trud. no.1:122-125 Ja '57. (MLRA 10:4)

l. Nachal'nik otdela truda i zarplaty Minskogo avtomobil'nogo zavoda.

(Minsk--Automobile industry)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R000515610013-9"

GOLDBIN, Ya.; DEVEL SKAYA.

Engtory preparations of the shorter worder (MERA 30)?

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